



CONSTRUCTION EQUIPMENT

SWO-071570 VOLVO A40G 341023 - TRANSMISSION (AUTO)



Sample No: VCP453731
Oil Type: DEXRON III
Job No: SWO-071570



SAMPLE INFORMATION

Sample Number	VCP453731	VCP450427	VCP431102	VCP408971
Sample Date	01 May 2024	27 Dec 2023	20 Sep 2023	13 Jun 2023
Machine Hours	9466	8960	8472	7952
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	28.2	31.7	28.4	28.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	0	3	2
Sodium	ppm	2	0	1	0
Potassium	ppm	2	0	2	1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	2	5	6
Copper	ppm	3	0	2	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	4	2	3	2
Chromium	ppm	<1	1	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	77	85	78	69
Magnesium	ppm	2	0	2	<1
Zinc	ppm	5	0	5	4
Phosphorus	ppm	216	222	185	192
Barium	ppm	0	4	0	2
Boron	ppm	114	100	95	98

Depot: SAIBIR
Unique No: 11020485
Signed: Don Baldrige
Report Date: 13 May 2024



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GRAPHS

